GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Energy Department – Allocation of 600 MW / 1200 MWh Battery Energy Storage project at Nandipadu in Kolimigundla Mandal, Nandyal District to M/s. Solar Energy Corporation of India Ltd. (SECI) under Andhra Pradesh Integrated Clean Energy Policy 2024 – Orders – Issued.

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ENERGY (POWER.II) DEPARTMENT

G.O.MS.No. 73 Dated: 11-09-2025

Read the following:-

1. DO No. SECI/ CMD/ BESS/ AP/ 74608 dated 18.06.2025 of the Chairman and Managing Director, Solar Energy Corporation of Andhra Pradesh Ltd. (SECI) addressed to the Special Cheif Secretary to Govt., Energy Department.
2. Email dated 05.07.2025 of M/s. Solar Energy Corporation of India Ltd.
3. From the VC & MD, NREDCAP, Tadepalli, Guntur District, letter No.NREDCAP/WE/SECI/1200 MWh BESS/2025, dated:31-07-2025.

O R D E R:-

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Government of Andhra Pradesh is giving priority for promotion of Renewable Energy Power projects and has been rolling out multiple initiatives, programs, policies and incentives to accelerate the development of the renewable energy sector. The state is having good RE power potential particularly in Rayalaseema region where huge extents of lands have been identified for promotion of RE power projects by inviting private investments.

2. Further, the Government of India has committed at the 26th session of the Conference of the Parties (COP26) to the United Nations Framework Convention on Climate Change (UNFCCC) held in Glasgow, United Kingdom to reach 500 GW Non-fossil energy capacity by 2030 and achieve the target of net zero emissions by 2070.

3. Government of Andhra Pradesh has issued following orders for large scale promotion of Wind Power, Solar Power and Wind-Solar hybrid Power Projects:-

1. AP Solar Power Policy -2018 issued vide G.O.Ms.No.1, dt.03.01.2019
2. AP Wind Power Policy -2018 issued vide G.O.Ms.No:2, dt.03.01.2019
3. AP Wind Solar Hybrid Power Policy-2018 issued vide G.O.Ms.No.3, dt.03.01.2019
4. Amendment order G.O. Ms No.35 dated 18.11.2019 and G.O.Ms.No.1, dt 01.03.2021.
5. AP RE Export Power Policy 2020 issued vide GO Ms No. 20, Dt.17.07.2020.

4. In the reference 1st and 2nd read above, M/s. Solar Energy Corporation of India Ltd., have requested for setting up of 600 MW / 1200 MWh Battery Energy Storage project at Nandipadu in Kolimigundla Mandal, Nandyal District in the State of Andhra Pradesh.

5. The Vice Chairman & Managing Director, NREDCAP has furnished his remarks vide reference 3rd above, on the proposal of M/s. Solar Energy Corporation of India Ltd. (SECI).

I. M/s. Solar Energy Corporation of India Ltd. (SECI) is a Navaratna Central PSU under the Ministry of New and Renewable Energy (MNRE), involved in implementing various renewable energy schemes, power trading, project management consultancy and is a Renewable Energy Implementing Agency (REIA).

II. The Ministry of Power (MoP), NRE Section vide letter dated 23.01.2025 has issued orders sanctioning the Central Sector Scheme "Viability Gap Funding (VGF) for development of Battery Energy Storage System (BESS)". MoP has accorded the approval of 1200 MWh BESS capacity to the SECI with a VGF of INR Rs. 27 Lakhs/ MWh or 30% of the Capital Cost whichever is lower.

III. In the MoP letter, SECI has been designated as BESS Implementing Agency (BIA) for implementing the above components of the scheme.

IV. It was communicated by SECI that 600 MW/ 1200 MWh BESS was awarded for market based operations and is planning to set up the entire capacity under CAPEX mode, with the project being owned and operated by SECI. The proposed project will be connected to the Inter State Transmission System substation (ISTS). The brief details are as follows:-

   a. **Proposed Configuration**: 2 x 300 MW for discharge of 2 hours in a single cycle (1200 MWh discharge in a single day)

   b. **Interconnection Voltage**: Voltage level is 220 KV i.e., 2 bays of 220 kV levels in a single substation (600 MW x 2 Hrs discharge)

   c. **Proposed Mode of Operation**: BESS charged from the grid during solar/ off-peak hours and discharged in the grid during peak hours.

V. It was also communicated that M/s. SECI has requested the Power Grid Corporation of India Ltd. (PGCIL) to identify ISTS substations in the state of Andhra Pradesh where availability of 2 Nos of 220 KV bays which are under implementation offering 24 hrs connectivity and in turn PGCIL has confirmed that 2 nos of 220 KV line bays may be available at each Ananthapuramu PSS and Kurnool-III PSS. These bays require about 40 acres of land next to the substation.

VI. M/s. SECI in the email dated 05.07.2025 has submitted detailed application to NREDCAP for setting up 600 MW/ 1200 MWh BESS project at Nandipadu village, Kolimigundla Mandal, Nandyal District.

VII. M/s. SECI is having the own power projects of 422.70 MW Solar with 121.40 MWh BESS. Further, they have the portfolio of GW scale projects under various scheme implementation projects across the country. The

estimated cost of the project is Rs. 1500 Crores and expected employment of 950 Nos both direct and indirect.

VIII. The net-worth of SECI is Rs. 2,811.76 Crores during the financial year 2023-24 as per the certificate issued by M/s. Ajay Agawal & Co. Chartered Accountants, New Delhi. As per AP Integrated Clean Energy Policy 2024, there is no specific net-worth requirement for BESS projects.

IX. If the proposed 600 MW/ 1200 MWh Batter Energy Storage System is considered, the expected investment is Rs. 1500 Crs. and employment generation of 950 members both direct and indirect.

6. The VC & MD, NREDCAP, Tadepalli, Guntur District has finally stated that taking into consideration the technical and financial capabilities of M/s. Solar Energy Corporation of India Ltd. which is a Central Public Sector Enterprise (CPSE), the Government to consider according approval to M/s. Solar Energy Corporation of India Ltd. for setting up 600 MW/ 1200 MWh Battery Energy Storage System (BESS), under AP Integrated Clean Energy Policy 2024.

7. The proposal of M/s. Solar Energy Corporation of India Ltd., has been placed before State Investment Promotion Board (SIPB) meeting held on 28.08.2025. The SIPB has recommended as follows:-

I. SIPB has agreed for allocation of 600 MW / 1200 MWh Battery Energy Storage project at Nandipadu in Kolimigundla Mandal, Nandyal District to M/s. Solar Energy Corporation of India Ltd. (SECI) under AP Integrated Clean Energy Policy 2024.

II. SIPB has agreed for allocation of 40 acres of Govt. land based on availability on lease basis for a period of 30 years with lease rentals @ Rs. 31,000 per acre per annum with escalation of 5% every two years as per the provisions of AP Integrated Clean Energy Policy 2024.

8. After detailed examination of the proposal of M/s. Solar Energy Corporation of India Ltd., in consultation with various stakeholders, Government hereby issue the following orders :-

a. Allocation of 600 MW / 1200 MWh Battery Energy Storage project at Nandipadu in Kolimigundla Mandal, Nandyal District to M/s. Solar Energy Corporation of India Ltd. (SECI) under AP Integrated Clean Energy Policy 2024.
b. Allocation of 40 acres of Govt. land based on availability on lease basis for a period of 30 years with lease rentals @ Rs. 31,000 per acre per annum with escalation of 5% every two years as per the provisions of AP Integrated Clean Energy Policy 2024.
c. Extend incentives under AP Integrated Clean Energy Policy, 2024 as follows:-

    i. Government/ Revenue/concerned department will consider to allot the land available if any in the project boundary to the Developer on lease basis. The land allotment shall be done as per

the existing Andhra Pradesh Land Allotment Policy 2012 or any other GoAP directions and its amendments from time to time.

ii. Deemed Non-Agricultural status will be accorded for the land utilized for development of Clean Energy Projects. However, an application has to be submitted to Revenue Department for one time land conversion. Any applicable fee for such land conversion shall be exempted.

d. All fees and charges as per the AP Integrated Clean Energy Policy 2024 shall be paid by M/s. Solar Energy Corporation of India Ltd.,

e. Eligible grants if any from MNRE/ Central Government may be considered for extending to the proposed wind power project as per the policies of Govt. of India without any financial commitment from Govt. of AP.

f. Connectivity of CTU/STU will be recommended duly fulfilling the connectivity requirement of earlier sanctioned/agreements entered with project developers.

g. APTRANSCO shall facilitate for evacuation of power from the proposed BESS Project to the Kurnool-III CTU sub-stations as per the provisions of AP Integrated Clean Energy Policy 2024. Necessary evacuation facility till the nearest CTU shall be developed by M/s. Solar Energy Corporation of India Ltd.,

h. The Power generated from this BESS Project should be connected to Power Grid/CTU substations and delivered outside the State with no obligation for DISCOMS to purchase power.

i. The project shall be completed within 24 months as per the provisions of AP Integrated Clean Energy Policy 2024.

9. The Revenue Department/Industries & Commerce/ APTRANSCO shall take necessary action accordingly pertains to their issues.

10. The Vice Chairman & Managing Director, New and Renewable Energy Development Corporation of Andhra Pradesh, Tadepalli shall take further necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

K. VIJAYANAND
SPECIAL CHIEF SECRETARY TO GOVERNMENT (FAC)

To
M/s. Solar Energy Corporation of India Ltd., 6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-110023.

The VC & Managing Director, NREDCAP, Tadepalli.

The Chairman & Managing Director, APTRANSCO, Vidyuth Soudha, Vijayawada.
The Chief Commissioner of Land Administration & Special Chief Secretary to Government, APIIC Towers, Mangalagiri.
The Special Chief Secretary to Government, Revenue Department.
The Special Chief Secretary to Government, Finance Department.
The Special Chief Secretary to Government,
Industries & Commerce Department.
The Special Chief Secretary to Government, EFS&T Department.
The Principal Secretary to Government, Water Resources Department.
The Principal Chief Conservator of Forests, GoAP, P.V.S. Landmark, Near APIIC Towers,Mangalagiri, Guntur District.

Copy to

The Commissioner of Industries Department, Vijayawada.
The Collector & District Magistrate, Kurnool District.
The Collector & District Magistrate, Nandyala District.
The Managing Director, APGENCO, Gunadala, Vijayawada.
The Chairman & Managing Director, APSPDCL, Tirupathi.
The Chairman & Managing Director, APCPDCL, Vijayawada.
The Chairman & Managing Director, APEPDCL, Visakhapatnam.
The P.S to Secretary to Chief Minister.
The P.S., to Minister for Energy.
The P.S to Chief Secretary to Govt.
The P.S., to the Special Chief Secretary to Government, Energy Department.
The Secretary, Ministry of New & Renewable Energy (MNRE),GoI, New Delhi.
The Secretary, Ministry of Power, GoI, New Delhi.
G.A (Cabinet) Dept.,
SF/SCs (2926922, 2958966)

//FORWARDED BY:: ORDER//

SECTION OFFICER